

A1880



TEST CERTIFICATE No. MTY 572391

Ship from:
 APM Division de: IMSA-MEX, SA DE CV
 Churubusco #1000
 Col. Santa Fé
 Monterrey, Nuevo León 64540
 Tel. 8329-5000 Fax: 8329-5024

P/O No. 100000113
 S/O No. MTY 58277 / 3
 B/L No. MTY 551006 / 1
 Inv No. MTY

Shp. 16/05/2004

Sold to: (1269)
 PLESA ANAHUAC Y CIA. S.A. DE C.V.
 AV. VALLE DE LAS ALAMEDAS # 66-O
 COL. SAN FRANCISCO CHILPAN
 TULTITLAN. EDO. DE MEXICO
 RFC: PAC-040303-UY6 CP 54940

Ship to:
 PLESA ANAHUAC Y CIA. S.A. DE C.V.
 AV. VALLE DE LAS ALAMEDAS # 66-O
 COL. SAN FRANCISCO CHILPAN
 TULTITLAN. EDO. DE MEXICO
 RFC: PAC-040303-UY6 CP 54940

CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 572391

RC0.375X60.000-APMA36 18TN
 ROLLO DE AC. ROL. EN CAL.ASTM A36
 GaN 9.53 mm x Ancho 1524 mm (GaN 0.3750 in. x Ancho X60.000-APMA36 18TN in.)

Heat	Properties	Tag	Pcs.	Weight
0441282	PCED=43.7-43.7[PCED=301.41(0.00-0.00)] / RTEN=65.3-65.3[RTEN=450.39(0.00-0.00)] / %ELON=41.4-41.4 / APRO=<JIMENEZ> / THICKNESS=9.5660	706927A	1	12,812
0441282	PCED=44.6-44.6[PCED=307.62(0.00-0.00)] / RTEN=66-66[RTEN=455.22(0.00-0.00)] / %ELON=38.5-38.5 / APRO=<JIMENEZ> / THICKNESS=9.5230	706930A	1	12,812

2 **25,624**

Heat	**** Chemical Analysis ****
0441282	C=0.185 Mn=0.637 Si=0.183 P=0.0068 S=0.004 Al=0.0447

THE MECHANICAL TESTS RESULTS ARE IN KPSI [MPa] AND THE PERCENT OF ELONGATION IS IN 2" OF CALIBRATED LENGTH. . FOR ANY QUESTION WE JUST ACCEPT THEM FROM THE CUSTOMER ABOVE MENTIONED AND WITH THE ORIGINAL DOCUMENT. WE HEREBY CERTIFY THAT THE INFORMATION HERE REPORTED IS CORRECT AND EXIST IN THE FILES OF THE COMPANY.

The equipment and test methods used for to get the results above described as apply, are as follows:

- Hardness-ASTM E 18-02- Hardness Tester-LA-E-0002.LA-E-0003
- Cup Erichsen Test- ASTM E 643-84(2000)- T.O. Cup Tester-LA-E-0005
- Tensile Test-ASTM E 8-01,ASTM A 370-01, ASTM E-517-01, ASTM E-646-00
- T.O.Tensile Machine-LA-E-0001, LA-E-0083
- Grain Size- ASTM E 112-96,-Metallurgical Microscope Nikon LA-E-0006
- Non Metallic Inclusions-ASTM E 45-97 - Metallurgical Microscope Nikon LA-E-0006
- Magetic Properties-ASTM A 343-97- Epstein Tester LA-E-0058

LABORATORY'S CHIEF